c. Biomass Power	
For NE States	Additional interest subsidy @ 2%. (Floor rate applicable = 8%)
Commercial projects (60 to 80 bars and above)	2%-3% (Interest Subsidy) (Floor rate applicable = 10%)
MW-scale projects with 100% producer gas engines	Capital subsidy of Rs. 1 crore per MW
Advanced Biomass Gasification	Capital subsidy of Rs. 1 crore per MW
6. Power from urban & wastes	
Capital subsidy	Upto 50% of capital cost, subject to maximum of Rs. 3 crores per MW for innovative demonstration projects
Interest subsidy	Interest subsidy for reducing the rate of interest to 7.5% subject to Rs. 0.50 crores to Rs. 2.00 crores to Rs. 2.00 crores per MW depending upon type of projects and category of waste for commercial projects (Floor rate applicable = 7.5%)

MW = Megawatt. KWp = Kilo Watt eak KW = Kilo Watt. PV = Photo Voltaic

Mini power plant based on rice husk ash technology

1482. SHRIMATI AMBIKA SONI:

DR.T. SUBBARAMI REDDY:

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether according to Institute for Solid Waste Research and Ecological Balance, mini power plants based on rice husk ash technology can fulfil the electricity needs of rural areas and can be a boon to farmers and millers besides ensuring sustainable development as outlined in Kyoto protocol;

(b) if so, whether apart from the utilization of the husk as a fuel, the use of RHA as a cement substitute by tapping its super pozzolanic behaviour;

(c) if so, to what extent Government has been successful in introducing this technology in power; and

(d) to what extent Government is making efforts for its immediate use?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) Government are aware of a press report which attributed the idea of power plants based on "Rice Husk Ash" (RHA) to the Institute for Solid Waste Research & Ecological Balance (INSWAREB) at Visakhapatnam. The press report is misleading in that it is rice husk and not rice husk ash which is used to generate electricity. Government are aware of the views of the Institute. The use of rick husk and other kinds of biomass to generate power is well-known. Such projects can bring about sustainable development, with socio-economic benefits for the rural areas, as well as other environmental benefits.

(b) Technology for using rick husk ash as a pozzolana has been developed and established in India and several other countries, but it has not yet been utilized at commercial scale in India.

(c) and (d) A total capacity of 164 MW has already been installed in the country for generation of power from biomass, including rice husk. A capacity of 218 MW is under implementation. A target of 250 MW has been set for biomass power generation during the Tenth Plan. Central Financial Assistance is provided for various types of projects besides other promotional incentives. Soft loans for commercial projects are available from Indian Renewable Energy Development Agency (IREDA). Policies have been introduced in various States for grid connection of biomass power projects.

Committee set up to enhance file movements

1483. SHRI C.P. THIRUNAVUKKARASU: Will the Minister of PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS be pleased to state:

(a) whether Government have set up a Committee to examine the inordinate delay in decision making owing to red tapism and babudom;